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Progress on DTL 3 is consistent with IPS dates for installation and commissioning. Milestone 1-3 (post coupler tip-stem weld) is complete. Twentyfive (of 27) repaired (cap weld ring repair) T-3 drift tubes were profiled machined and inspected and at least 18 were high-pressure vacuum leak checked. First batch should be shipped to ORNL next week. All T-3 drift tubes on hand at CMI are being measured for stem straightness, an issue that came up only recently. A straightening rig is being constructed. Based on discussions with ORNL, we modifying the top hat base holes to enable additional alignment range. Eight are completed, but this will delay milestone 3-4 another week (now forecast for 2/21); however, it should not delay drift tube installation. Welding of T-3 post couplers began at ESCO on 2/10, and finish machining is forecasted to be complete next week (milestone 3-6).

Several milestones on DTL 1 have slipped which indicates that the commissioning date is in jeopardy. A videoconference between ORNL and LANL is scheduled on 2/13 to revise the schedule to optimize deliveries and installation; milestones 1-5, 1-6, and 1-7 will be modified. (For example, repaired T-1 drift tubes are completed and could be cleaned and shipped to meet milestone 1-7; however, we will modify a mount slot to facilitate improved alignment, similar to that being implemented on the rebuilds. This modification will delay the current baseline milestone date.) If the overall schedule slips or can be absorbed otherwise will be evaluated during the next two weeks and a revised baseline will be presented then if necessary.

At Oak Ridge Initial flow testing of the DTL-3 Resonate Control Cooling System (RCCS) was completed on Friday. A team from LANL, headed by John Bernardin, was at the site this week to lead this effort. The system was run up to maximum flow (~285 gpm) and performed as expected. The system is very quiet during operation, both in the tunnel and in the gallery. Vibration measurements were made and are being evaluated, but there is no indication of excessive vibrations. Gluing the cooling lines to the outside of DTL-3 tank is ~25% complete. The thermally conductive epoxy that is being used is easy to apply and does a good job of filling the gaps between the cooling tube and the tank. The o-ring grooves for DTL-1 are being prepared for plating, which will be completed this week. This plating is required to protect the carbon steel from corrosion. After plating, the tanks will be assembled and leak tested.

Milestone description	Due Date	Number total	Number or % complete	Delta last week
DTL 3 DT's repair	Feb 28 th '03	32	5	0
DTL 3 DT's rebuilt	Feb 28 th '03	0	0	0
DTL 3 DT's new built	Feb 28 th '03	1	0	0
DTL 3 other parts	Feb 28 th '03	100 %	95%	+1%
All DTL 3 parts shipped	Feb 28 th '03	100 %	25% / IPS marker DTLINK51	0
DTL 3 installation	April 16 st '03	100 %	? /IPS marker DTL045	0
DTL 1 DT's repair	April 1 st '03	7	7	0
DTL 1 DT's rebuilt	April 1 st '03	48	0	0
DTL 1 DT's new built	April 1 st '03	4	0	
DTL 1 other parts	April 1 st '03	100 %	83%	+2%
All DTL 1 parts shipped	April 1 st '03	100 %	23%/ IPS marker DTL055	0
DTL 1 installation	May 21 th '03	100 %	? / IPS marker DTLINK31	?

Concerns & Actions: Current forecast show a three-week schedule variance with a 4/21/03 delivery of the last tank-1 drift tubes to ORNL. We are working with the manufacturer, and reevaluating test, shipping,

and installation plans to make up schedule without compromising quality. Pierre Grand Committee has been invited again to evaluate progress and help develop effective strategies to mitigate schedule slippage. The committee reconvenes mid February.

Table 16 of the recovery plan. Tank 3 milestones

MS	Activity	Complete	Actual
1	Repaired drift tubes, repair welds complete	13-Jan-03	30-Jan-03
2	Post-couplers, tips welded to stems	27-Jan-03	3-Jan-03
3	Waveguide-iris transition, finish machining complete	27-Jan-03	21-Jan-03
4	Top hat finish machining complete	31-Jan-03	
5	EMD drift tube repair complete	5-Feb-03	23-Jan-03
6	Post-couplers, finish machining complete	18-Feb-03	
7	Drift tubes, field, vacuum, flow & pressure tests complete	21-Feb-03	
8	All DTL components delivered to ORNL	28-Feb-03	

Table 17 of the recovery plan. Tank 1 milestones

MS	Activity	Complete	Actual
1	Rebuilt drift tubes, 1st 10 diverters machined	7-Jan-03	19-Jan-03
2	Repaired drift tubes, finish machining complete	14-Jan-03	6-Jan-03
3	Post-coupler tips welded to stems	3-Feb-03	4-Feb-03
4	Waveguide-iris transition assembly braze complete	7-Feb-03	
5	Top hat finish machining complete	7-Feb-03	
6	Rebuilt drift tubes, all stems welded	11-Feb-03	
7	Repaired drift tubes, final unit delivered to ORNL	17-Feb-03	
8	Low-energy end-wall tuning-ring weld complete	5-Mar-03	
9	All DTL components delivered to ORNL	1-Apr-03	